

**Hurricane Harvey  
ESF – 10  
Unified  
Incident Action Plan  
(IAP-1)**

**Operational Period:  
Starting: 0700 08/31/2017  
Ending: 0700 09/03/2017**

<b>1. Incident Name:</b>		<b>2. Operational Period: (Date / Time)</b>		<b>INCIDENT OBJECTIVES ICS 202 - EPA</b>
Hurricane Harvey		From: 08/31/2017 To: 09/02/2017		
<b>3. Incident Objective(s):</b>				
<ul style="list-style-type: none"> <li>• Provide for the safety and security of responders as well as maximize the protection of public health and welfare.</li> <li>• Systematically and thoroughly survey United States Geological Service (USGS) grid areas that are impacted from the natural disaster.</li> <li>• Survey the impacted areas caused by the Harvey. Determine the most heavily impacted areas and the overall geographical boundaries impacted.</li> <li>• Keep public and stakeholders informed.</li> <li>• Systematically and thoroughly survey areas that were impacted by the event</li> <li>• Identify orphaned containers in each grid greater than or equal to 5 gallons in size, and document the most effective means for their recovery.</li> <li>• Identify potential and on-going oil spills, discharging vessels and facilities with releases in each grid, categorize the spills and document the most effective means for their recovery.</li> <li>• Document all orphan containers and spills using the NDOW Field Data Collection Sheet.</li> <li>• Identify locations for Incident Command Posts (ICP)/Staging Areas.</li> <li>• Identify any immediate threats to public health and the environment.</li> <li>• Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status, and facilitate system contact with Federal, State and local agencies (i.e. technical assistance).</li> <li>• Identify secure area(s) to process and temporarily store for subsequent recycling, disposal, or return to the original owner, displaced Orphan Containers, Above Ground Storage Tanks (AST's), Hazardous Waste, Household Hazardous Waste (HHW).</li> <li>• Establish and maintain a common operating picture.</li> <li>• Identify and maximize the protection of environmental sensitive areas and threatened species</li> <li>• Assess Department of Homeland Security (DHS) critical infrastructure (e.g. public water supplies and wastewater treatment facilities) and Risk Management Plan (RMP) and Facility Response Plan (FRP) facilities for damage and immediate ongoing releases.</li> </ul>				
<b>4. Operational Period Command Emphasis. (Priorities, Key Discussions/Directions):</b>				
<ul style="list-style-type: none"> <li>• Begin Rapids Needs Assessment</li> <li>• Establish Multi-agency ESF-10 Coordination Call</li> <li>• Establish Agency Specific Coordination calls as necessary</li> </ul>				
<b>5. General Situation Awareness (Safety bullets, Weather, etc...):</b>				
<input type="checkbox"/> Approved Site Safety Plan Located at:				
<b>6. Prepared By: (PSC)</b>			<b>(Date / Time)</b>	
Name: Matt Loesel		Signature:		08/30/17
<b>7. Approved By (Incident Commander(s)):</b>			<b>(Date / Time)</b>	
Name:		Signature:		
John Martin, EPA				08/30/17
Anthony Buck, TCEQ				08/30/17
Jimmy Martinez, TGLO				08/30/17
Tedd Hutley, US Coast Guard				08/30/17
<b>INCIDENT OBJECTIVES</b>			<b>ICS 202 - EPA (Rev 02/10)</b>	

1. Incident Name:	2. Operational Period: (Date / Time)	“Safety Message”
Hurricane Harvey	From: 08-31-17 @ 0700 To: 09-03-17 @ 0700	

### Major Hazards and Risks:

Travel	Electrical Hazards	Biological Hazards	Slips, Trips, and Falls
Thermal Stresses	Hazardous Materials	Insects	Fire/Explosions
Security Fatigue	Stress	Wild & Stray Animals	

**Wound Care** – Make sure that when you get a cut, scrape, and or puncture that you clean the area with antiseptic, apply some sort of topical antibiotic, and keep covered so that the wound area stays clean. Be sure to check wound daily to see that it is not getting infected. If the wound area becomes red and swollen, especially if red streaks extend from the wound, you should seek medical attention.

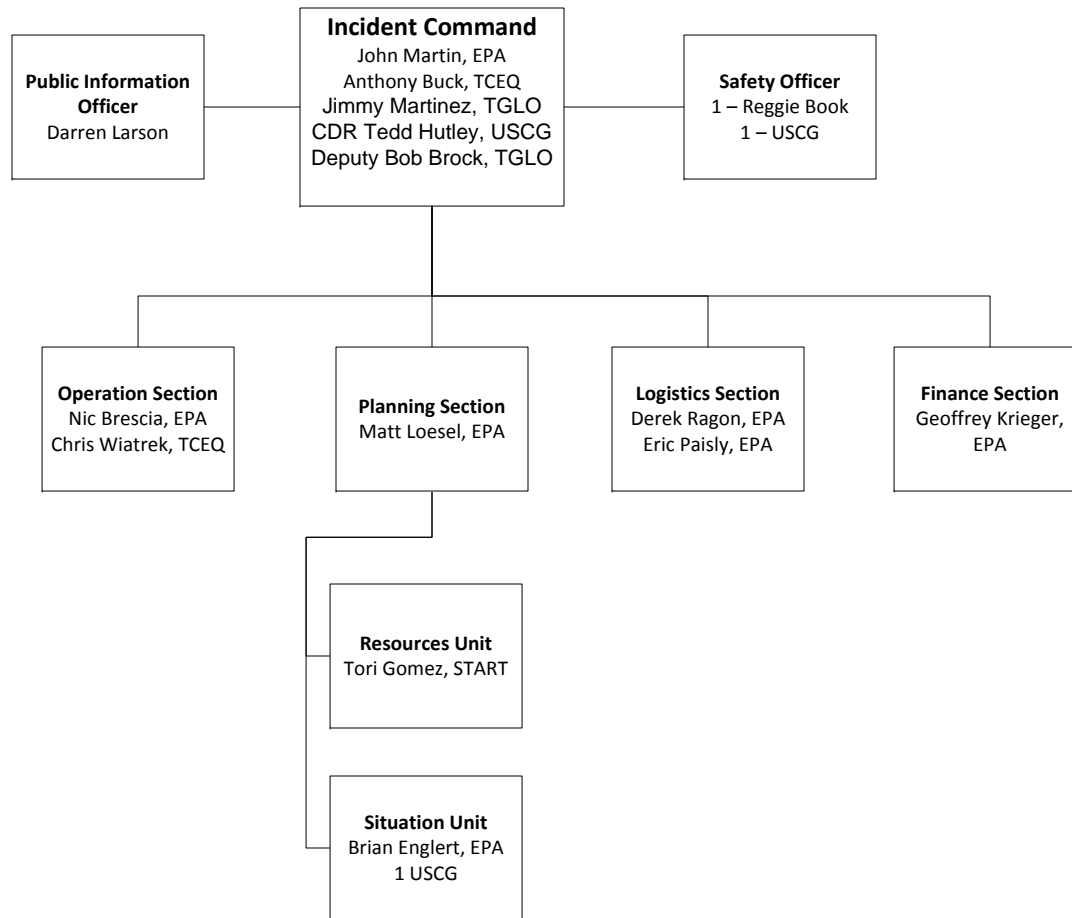
**Where is the Hospital?** Make sure to check the HASP and or Medical Plan for the hospital closest to where you will be working and where you are staying. Remember if you call 911 from a cell phone you will need to provide the address of where you are located or at least an address generally in the area of where you are working before they can respond.

**Early Morning Driving Safety** – We **MUST** be very cautious while driving from our hotel to work. Be on the lookout for issues with street signage and lights ! Take the time to make sure your windows and free of water or fog prior to driving.

**Don’t Forget To Drink Water!** - Please bring plenty of water with you when you go out to the work-sites. Until the AC is repaired at the Incident Command Center, stay hydrated. Remember, **if you don’t drink, you’ll drop like a rock!**

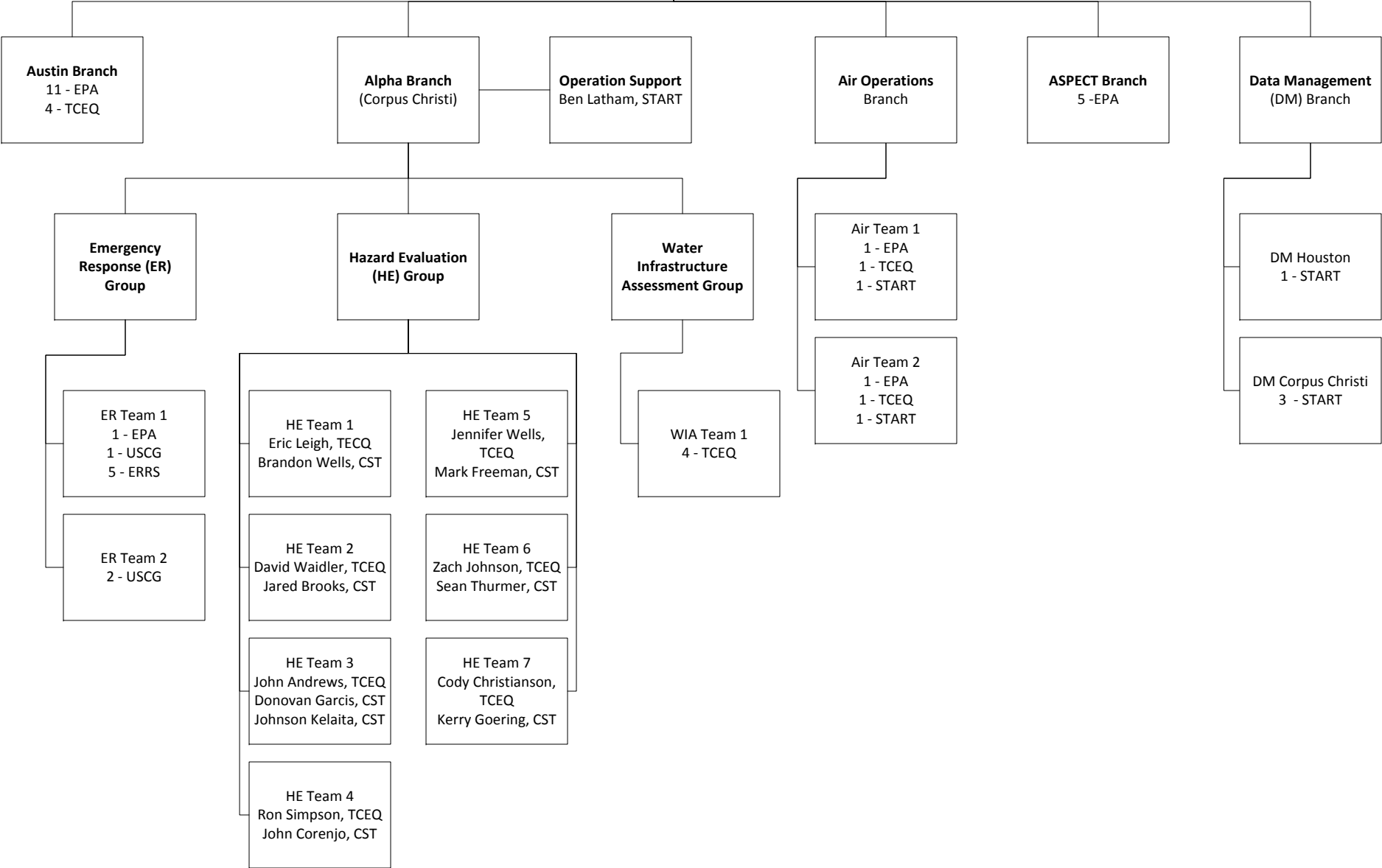
**Who To Call!** Address any Safety concerns to Reggie Book, 512-233-9330.

**Incident Name:** Hurricane Harvey  
**Operational Period:** 08/31/17 to 09/02/17  
**Prepared by:** Tori Gomez  
**Date:** 08/31/17  
**Time:** 0700



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**Operations**  
Nic Brecia - EPA  
Chris Wiatrek - TCEQ



<b>1. Incident Name:</b> Hurricane Harvey		<b>2. Operational Period:</b> ( Date / Time ) From: 08-31-17 @ 0700 To: 09-03-17 @ 0700		<b>ASSIGNMENT LIST</b> <b>ICS 204 - EPA</b>	
<b>3. Branch:</b> ALPHA		<b>4. Division/Group/Staging:</b> Emergency Response Group			
<b>5. Operations Personnel:</b>					
ICS Position	Name	Affiliation	Contact # (s)		
Operations Section Chief:	NICOLAS BRESCIA CHRIS WIATREK	EPA R6 TCEQ	(214) 789-8383 (512) 605-9649		
Division/Group Supervisor/STAM:	NICOLAS BRESCIA	EPA R6	(214) 789-8383		
<b>6. Resources Assigned:</b> "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
<b>Team 1</b>	EPA – TBD USCG – TBD ERRS - TBD	TBD	7	Contact OPS at 1100 and 1500	<input type="checkbox"/>
<b>Team 2</b>	USCG – TBD	TBD	2	Contact OPS at 1100 and 1500	<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
<b>7. Work Assignments:</b> Conduct ERs for specialized recovery as directed by OPS.					
<b>8. Special Instructions:</b> <b>SO – Reggie Book CST – (512) 233-9330</b> All Health and Safety incidents need to be reported to the <b>Safety Officer</b> for investigation. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment):</b>					
Name/Function		Radio: Freq./System/Channel		Phone / Cell / Pager	
Emergency Communications: 911 / SO (512) 233-9330 / OPS CHIEF: (512) 605-9649					
<b>10. Prepared by: (RESL)</b> (Date / Time)		<b>11. Reviewed by: (PSC)</b> (Date / Time )		<b>12. Reviewed by: (OPS)</b> ( Date / Time )	
Tori Gomez 8/31/17 1700		Matthew Loesel		Nicolas Brescia	
<b>ASSIGNMENT LIST</b>				<b>ICS 204 – EPA</b> (Rev 02/10)	

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<b>3. Branch:</b> <b>ALPHA</b>		<b>4. Division/Group/Staging:</b> Orphan Container Hazard Evaluation Group ( <b>PARK</b> )			
<b>5. Operations Personnel:</b>					
ICS Position	Name	Affiliation	Contact # (s)		
Operations Section Chief:	NICOLAS BRESCIA CHRIS WIATREK	EPA R6 TCEQ	(214) 789-8383 (512) 605-9649		
Division/Group Supervisor/STAM:	CHRIS WIATREK	TCEQ	(512) 605-9649		
<b>6. Resources Assigned:</b> "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
<b>Team 1</b>	Eric Leigh – TCEQ Kerry Goering – CST	(512) 233-9327 (254) 813-5327	2	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 2</b>	David Waidler – TCEQ Jared Brooks – CST	(214) 208-0617 (512) 233-9318	2	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 3</b>	John Andrews – TCEQ Donovan Garcia – CST Johnson Kelaita - CST	(817) 658-0558 (210) 386-8951 (210) 363-7706	3	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 4</b>	Ron Simpson – TCEQ John Cornejo – CST Johnathan Diaz - TCEQ	(817) 565-8321 (512) 233-9315	3	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 5</b>	Jennifer Wells – TCEQ Mark Freeman – CST	(972) 207-3529 (512) 784-0986	2	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 6</b>	Zach Johnson – TCEQ Sean Thurman – CST	(903) 563-6678 (512) 233-9317	2	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>Team 7</b>	Cody Christianson – TCEQ Brandon Wells – CST Greg Jones – TCEQ	(419) 266-4514 (303) 579 4177	3	Contact OPS at 1100 and 1500 <input type="checkbox"/>	
<b>7. Work Assignments:</b> Conduct Orphan Container Hazard Evaluation in the Alpha Branch geographical area. Prioritize Rapid Needs Assessment Targets and conduct evaluation of the targets. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document targets utilizing Response Manager via a Laptop/IPAD/Hazard Evaluation Field Data Sheet & Orphan Container Photo Placard. All teams must download/sync assessment information daily and complete a 214B to document team field activities.					
<b>8. Special Instructions:</b> <b>SO – Reggie Book CST – (512) 233-9330</b> All Health and Safety incidents need to be reported to the <b>Safety Officer</b> for investigation. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment):</b>					
Name/Function		Radio: Freq./System/Channel		Phone / Cell / Pager	
<b>Emergency Communications:</b> 911 / SO (512) 233-9330 / OPS CHIEF: (512) 605-9649					
<b>10. Prepared by: (RESL) (Date / Time)</b>		<b>11. Reviewed by: (PSC) (Date / Time )</b>		<b>12. Reviewed by: (OPS) ( Date / Time )</b>	
Tori Gomez 8/31/17 1700		Matthew Loesel		Nicolas Brescia	
<b>ASSIGNMENT LIST</b>				<b>ICS 204 – EPA (Rev 02/10)</b>	

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<b>3. Branch:</b> <b>ALPHA</b>		<b>4. Division/Group/Staging:</b> Water Infrastructure Assessment Group			
<b>5. Operations Personnel:</b>					
ICS Position	Name	Affiliation	Contact # (s)		
Operations Section Chief:	NICOLAS BRESCIA CHRIS WIATREK	EPA R6 TCEQ	(214) 789-8383 (512) 605-9649		
Division/Group Supervisor/STAM:	CHRIS WIATREK	TCEQ	(512) 605-9649		
<b>6. Resources Assigned: "X" indicates 204a attachment with additional instructions</b>					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
WIA Team 1	Eric Lindgren	817-266-2003		Contact OPS at 1100 and 1500	<input checked="" type="checkbox"/>
	Meagan Daudson	TBD			<input type="checkbox"/>
	Karla Trevino	TBD			<input type="checkbox"/>
	Chris Caude	TBD			<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
<b>7. Work Assignments:</b>					
Conduct Water Infrastructure Evaluation for both Drinking Water and Waste Water facilities. Prioritize facilities, and conduct evaluation of these facilities. Utilize the NDOW Water Infrastructure Evaluation SOP and document targets utilizing Response Manager via a Laptop/PDA/ and the Drinking Water/Waste Water Infrastructure Evaluation Data Sheet and Drinking Water/Waste Water Status Code sheet & Water Infrastructure Assessment Photo Placard. All teams must download/sync assessment information daily and complete a 214B to document team field activities.					
<b>8. Special Instructions:</b>					
<b>SO – Reggie Book CST – (512) 233-9330</b> All Health and Safety incidents need to be reported to the <b>Safety Officer</b> for investigation. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment):</b>					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
<b>Emergency Communications:</b> 911 / SO (512) 233-9330 / OPS CHIEF: (512) 605-9649					
<b>10. Prepared by: (RESL) (Date / Time)</b>		<b>11. Reviewed by: (PSC) (Date / Time )</b>		<b>12. Reviewed by: (OPS) ( Date / Time )</b>	
Tori Gomez 8/31/17 1700		Matthew Loesel		Nicolas Brescia	
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<b>3. Branch:</b> <b>Airs Operations</b>		<b>4. Division/Group/Staging:</b>			
<b>5. Operations Personnel:</b>					
ICS Position	Name	Affiliation	Contact # (s)		
Operations Section Chief:	NICOLAS BRESCIA	EPA R6	(214) 789-8383		
Division/Group Supervisor/STAM:	NICOLAS BRESCIA	EPA R6	(214) 789-8383		
<b>6. Resources Assigned: "X" indicates 204a attachment with additional instructions</b>					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
<b>Air Team 1</b>	EPA - TBD TCEQ - TBD START- TBD	TBD	3	Contact OPS at 1100 and 1500	<input type="checkbox"/>
<b>Air Team 2</b>	EPA - TBD TCEQ - TBD START- TBD	TBD	3	Contact OPS at 1100 and 1500	<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
<b>7. Work Assignments:</b> Conduct rapids needs assessments for aerial platform from Corpus Christi moving eastward to determine most heavily impacted areas and the overall geographical boundaries impacted.					
<b>8. Special Instructions:</b> <b>SO – Reggie Book CST – (512) 233-9330</b> All Health and Safety incidents need to be reported to the <b>Safety Officer</b> for investigation. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor.					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment):</b>					
Name/Function		Radio: Freq./System/Channel		Phone / Cell / Pager	
<b>Emergency Communications:</b> 911 / SO (512) 233-9330 / OPS CHIEF: (512) 605-9649					
<b>10. Prepared by: (RESL) (Date / Time)</b>		<b>11. Reviewed by: (PSC) (Date / Time )</b>		<b>12. Reviewed by: (OPS) ( Date / Time )</b>	
Tori Gomez 8/31/17 1700		Matthew Loesel		Nicolas Brescia	
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<b>3. Branch:</b> ASPECT		<b>4. Division/Group/Staging:</b>			
<b>5. Operations Personnel:</b>					
ICS Position	Name	Affiliation	Contact # (s)		
Operations Section Chief:	NICOLAS BRESCIA	EPA R6	(214) 789-8383		
Division/Group Supervisor/STAM:	NICOLAS BRESCIA	EPA R6	(214) 789-8383		
<b>6. Resources Assigned: "X" indicates 204a attachment with additional instructions</b>					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ASPECT	Mark Thomas	TBD	5	Contact OPS at completion	<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
<b>7. Work Assignments:</b> ASPECT will assess Department of Homeland Security (DHS) critical infrastructure (e.g. public water supplies and wastewater treatment facilities) and Risk Management Plan (RMP) and Facility Response Plan (FRP) facilities for damage and immediate ongoing releases.					
<b>8. Special Instructions:</b>					
<b>9. Communications (radio and/or phone contact numbers needed for this assignment):</b>					
Name/Function		Radio: Freq./System/Channel		Phone / Cell / Pager	
Emergency Communications: 911 / SO (512) 233-9330 / OPS CHIEF: (512) 605-9649					
<b>10. Prepared by: (RESL) (Date / Time)</b>		<b>11. Reviewed by: (PSC) (Date / Time )</b>		<b>12. Reviewed by: (OPS) ( Date / Time )</b>	
Tori Gomez 8/31/17 1700		Matthew Loesel		Nicolas Brescia	
<b>ASSIGNMENT LIST</b>				<b>ICS 204 – EPA (Rev 02/10)</b>	

<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period			
	Corpus Christi Exercise	6/29/12		7/15/12 – 7/20/12			
5. Incident Medical Aid Station							
Medical Aid Stations		Location			Paramedics Yes No		
None in place							
6. Transportation							
A. Ambulance Services							
Name	Address		Phone	Paramedics Yes No			
Advance EMS	Corpus Christi		361-857-2059				
Tri-County Emerg. Med.	2565 1 <sup>st</sup> . St. Ingleside, Tx 78362		361-776-0025				
B. Incident Ambulances							
Name	Location			Paramedics Yes No			
None in place							
7. Hospitals							
Name	Address	Travel Time Air Ground		Phone	Helipad Yes No		Burn Center Yes No
Doctors Regional ER	3315 S Alameda St, Corpus Christ, TX 78411		5 min	361-761-1000			
8. Medical Emergency Procedures							
<p>Call 911 Be ready to give dispatch exact location and synopsis of situation, stay online, answer all questions.</p> <p>Poison Control – 1-800-222-1222 Be ready to give Poison Control details of situation.</p> <p>1) Attempt to stabilize victim through first aid.</p> <p>2) If emergency transport is required, use local resources first, then the resources best suited to provide the level of care needed (e.g. USCG Med-Evac for 3<sup>rd</sup> degree burns).</p> <p>3) Report all events to: A) Supervisor; B) Safety; C) Logistics; D) Medical Unit</p> <p>ALL EMERGENCIES: Secure area, Identify witnesses, Keep log of events.</p> <p>Injury Report = Nature of Injury; Location of Patient; Type of Transportation; Pick up point; EMT with Patient?; Victims Condition; Victims Age; Victims Sex;</p>							
Prepared by (Medical Unit Leader)				10. Reviewed by (Safety Officer)			